PTO/SB/21 (02-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE collection of information unless it displays a valid OMB control number. are required to respond to Application Number 09/777,368 SMITTAL Filing Date February 5, 2001 **FORM** First Named Inventor Andy C. Neilson Art Unit (to be used for all correspondence after initial filing) 1743 **Examiner Name** Jeffrey R. Snay Attorney Docket Number 11 **FSII 303** Total Number of Pages in This Submission

|   | ENCLOSURES (Check all that apply)                                       |  |  |  |  |  |
|---|---|--|--|--|--|--|
| Fee Transmittal Form  Fee Attached  Amendment/Reply  After Final  Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing Parts under 37 CFR 1.52 or 1.53 |   | Drawing(s)  Licensing-related Papers  Petition  Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Address  Terminal Disclaimer  Request for Refund  CD, Number of CD(s)  Remarks | After Allowance communication to Technology Center (TC)  Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  Proprietary Information  Status Letter Other Enclosure(s) (please Identify below): |  |  |  |
|   | SI  | <br>NATURE OF APPLICANT, ATTORNEY, OR AGENT  | T  |  |  |  |
| Signat  Date  I heret sufficie  | or James R. Abney, Esq. Kolisch Hartwell, P.C. Signature Lames R. Wüney |  |  |  |  |  |
| Typed   | or printed name Renee K   | ight   |  |  |  |  |
| Signat  | ure // W  | Mugh   | Date August 3, 2004  |  |  |  |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (10-03)

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Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0.00

AUG 0 6 2004

| Complete if Known    |                  |  |
|----------------------|------------------|--|
| Application Number   | 09/777,368       |  |
| Filing Date          | February 5, 2001 |  |
| First Named Inventor | Andy C. Neilson  |  |
| Examiner Name        | Jeffrey R. Snay  |  |
| Art Unit             | 1743             |  |
| Attornov Docket No.  | ESII 303         |  |

| METHOD OF PAYMENT (check all that apply) |                                      |   | FEE CALCULATION (continued) |             |             |             |             |  |             |
|--|--------------------------------------|---|-----------------------------|-------------|-------------|-------------|-------------|--|-------------|
| Check Credit card Money Other None       |                                      |   | 3. ADDITIONAL FEES          |             |             |             |             |  |             |
| Deposit Account:                         |                                      |   | 1                           | Entity      |             |             |             |  |             |
| Deposit                                  |                                      | 44.4540   |                             | Fee<br>Code | Fee<br>(\$) | Fee<br>Code | Fee<br>(\$) | Fee Description  | Fee Paid    |
| Account<br>Number                        |                                      | 11-1540   |                             | 1051        | 130         | 2051        |             | Surcharge - late filing fee or oath  | 1001010     |
| Deposit<br>Account                       | Ko <sup>r</sup>                      | lisch Hartwell, P.C                               |                             | 1052        | 50          | 2052        | 25          | Surcharge - late provisional filing fee or cover sheet                     |             |
| Name                                     | ·                                    |   |                             | 1053        | 130         | 1053        | 130         | Non-English specification  |             |
|  | s autnorized to<br>e(s) indicated be | o: (check all that apply) elow                    | overpayments                | 1812        | 2,520       | 1812        | 2,520       | For filing a request for ex parte reexamination                            |             |
| I= '                                     | • •                                  | e(s) or any underpayment of                       |                             | 1804        | 920*        | 1804        | 920*        | Requesting publication of SIR prior to                                     |             |
| I=                                       |                                      | elow, except for the filing                       | ` '                         | 1905        | 1 940*      | 1005        | 4 940*      | Examiner action  | <b></b>     |
|  | lentified deposit                    | . ,   |                             | 1605        | 1,840*      | 1800        | 1,840       | Requesting publication of SIR after<br>Examiner action                     |             |
|  | FEE C                                | CALCULATION                                       | ı                           | 1251        | 110         | 2251        | 55          | Extension for reply within first month                                     |             |
| 1. BASIC F                               |                                      |   |                             | 1252        | 420         | 2252        | 210         | Extension for reply within second month                                    | <del></del> |
| Large Entity S                           | Small Entity                         |   |                             | 1253        | 950         | 2253        | 475         | Extension for reply within third month                                     | <b></b>     |
|  | Fee Fee<br>Code (\$)                 | Fee Description                                   | Fee Paid                    | 1254        | 1,480       | 2254        | 740         | Extension for reply within fourth month                                    |             |
|  | 2001 385                             | Utility filing fee                                |                             | 1255        | 2,010       | 2255        | 1,005       | Extension for reply within fifth month                                     | <b>——</b>   |
| 1002 340                                 | 2002 170                             | Design filing fee                                 |                             | 1401        | 330         | 2401        | 165         | Notice of Appeal   |             |
| 1003 530                                 | 2003 265                             | Plant filing fee                                  |                             | 1402        | 330         | 2402        | 165         | Filing a brief in support of an appeal                                     |             |
| 1004 770                                 | 2004 385                             | Reissue filing fee                                |                             | 1403        | 290         | 2403        | 145         | Request for oral hearing   |             |
| 1005 160                                 | 2005 80                              | Provisional filing fee                            |                             | 1451        | 1,510       | 1451        | 1,510       | Petition to institute a public use proceeding                              |             |
| ١  | ١                                    | SUBTOTAL (1) (\$) 0                               | .00                         | 1452        | 110         | 2452        | . 55        | Petition to revive - unavoidable   |             |
| 2 EVTDA                                  |                                      | S FOR UTILITY AND                                 |                             | 1453        | 1,330       | 2453        | 665         | Petition to revive - unintentional   |             |
| Z. EXIKA                                 | LAIN FEE                             | Fee fro   | om                          | 1501        | 1,330       | 2501        | 665         | Utility issue fee (or reissue)   |             |
| Total Claims                             | 35 -74*                              | Extra Claims below ** = 0 x 18.00                 |                             | 1502        | 480         | 2502        | 240         | Design issue fee   |             |
| Independent                              | 02 -05*                              |   |                             | 1503        | 640         | 2503        | 320         | Plant issue fee  |             |
| Claims<br>Multiple Deper                 |                                      | = <u>0</u> x <u>86.00</u><br>290.00               | ===                         | 1460        | 130         | 1460        | 130         | Petitions to the Commissioner  |             |
| , i                                      |                                      | <del></del>                                       | 0.00                        | 1807        | 50          | 1807        | 7 50        | Processing fee under 37 CFR 1.17(q)  |             |
| Large Entity<br>Fee Fee                  | Small Entity Fee Fee                 | L<br>Fee Description                              |                             | 1806        | 180         | 1806        |             | Submission of Information Disclosure Stmt                                  |             |
| Code (\$)                                | Code (\$)                            |   |                             | 8021        | 40          | 8021        | 1 40        | Recording each patent assignment per property (times number of properties) |             |
| 1202 18                                  |                                      | 9 Claims in excess of 20                          |                             | 1809        | 770         | 2809        | 385         | Filing a submission after final rejection                                  |             |
| 1201 86<br>1203 290                      | 2201 43                              | ,   |                             |             |             |             |             | (37 ČFR 1.129(a))  |             |
| 1203 290<br>1204 86                      | 2203 145                             |   |                             | 1810        | 770         | 2810        | 385         | For each additional invention to be examined (37 CFR 1.129(b))             |             |
| 1204 00                                  | 2204 43                              | 3 ** Reissue independen<br>over original patent   | it ciaims                   | 1801        | 770         | 2801        | 385         | Request for Continued Examination (RCE)                                    |             |
| 1205 18                                  | 2205 9                               | ** Reissue claims in ex<br>and over original pate |                             | 1802        | 900         | 1802        | 900         | Request for expedited examination of a design application                  |             |
| ·  | SHI                                  | BTOTAL (2)  | 0.00                        | Other       | fee (sp     | ecify) _    |             |  |             |
| SUBTOTAL (2) (\$) 0.00 Ott               |                                      |   |                             | *Redu       | ced by      | Basic F     | Filing Fe   | ee Paid SUBTOTAL (3) (\$) 0.00   |             |

| SUBMITTED BY      |                      |                                   |        | (Complete | (if applicable)) |
|-------------------|----------------------|-----------------------------------|--------|-----------|------------------|
| Name (Print/Type) | James R. Abney, Esq. | Registration No. (Attorney/Agent) | 42,253 | Telephone | (503) 224-6655   |
| Signature         | Hames K. aliney      |                                   |        | Date      | August 3, 2004   |

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USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

In re Application of

ANDY C. NEILSON and JAY S. TEICH

Date: August 3, 2004

Serial No. :

09/777,368

Examiner Jeffrey R. Snay

Filed

February 5, 2001

Group Art Unit 1743

For

APPARATUS AND METHODS FOR

INFRARED CALORIMETRIC MEASUREMENTS

Mail Stop AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

## RESPONSE TO RESTRICTION REQUIREMENT

In response to the restriction requirement dated July 13, 2004, applicants hereby provide an election of invention, and request that the above-identified patent application be amended as follows:

| Amendments to the Specification | None            |
|---------------------------------|-----------------|
| Amendments to the Claims        | Begin on page 2 |
| Amendments to the Drawings      | None            |
| Remarks                         | Begin on page 9 |